L Number	Hits	Search Text	DB	Time stamp
40	1)	((fiber near2 array) same (collimating collimate\$1) and (micro adj lens\$2)) and	USPAT; US-PGPUB;	2003/06/03 17:06
		ota.in.	EPC; JPO; DEFWENT; IBM TDB	17.00
39	22	(fiber near2 array) same (collimating collimate\$1) and (micro adj lens\$2)	USPĀT; US-PGFUB; EPO; JPO;	2003/06/03 17:07
41	57	(fiber near2 array) and ota.in.	DEPWENT; IBM_TIB USFAT; US-PGFUB; EPO; UPO; DEFWENT;	2003/06/03 17:12
42	12	385/\$.ccls. and (align\$4 with (passive passively self)) and (trench recess slot) with (subtrate base) and (device\$1 lens\$2))	IBM_TDB USFAT; US-PGPUB; EPO; JPO; LEPWENT;	2003/06/03 17:16
43	584	385/52.ccls.	IBM_TOB USPAT; US-PGPUB; EPO; UPO; DEFWENT;	2003/05/03 17:17
44	244	<pre>csubtrate base) same ((device\$1 lens\$2) near (in within inside) with (trench slot slit groove recess))</pre>	IBM_TI/B USFAT; US-PGFUB; EPO; JPO; I-EPWENT;	2005/05/03 17:43
-	2211	385/52,65,83,88,89).CCLS.	IBM_TIB USFAT; US-PGFUB; EPG; JPG; DEFWENT;	2002/12/05 11:20
-	i	<pre></pre>	IBM_TIB USFAT	2002/12/03 15:07
-	75	((groove trench indentation) same ((vertical vertically verticaly) near (space spacing align aligns alignment	USFAT	2002/12/03 15:17
-	4	aligning:)) and (lens lenses)  :"4165914"   "5198390"   "5393375"     "5846849").PN.	USFAT	2001/12/03
-	7372	spacer and lens	USFAT	15:16   2002/12/03   15:18
-	1187	spacer with lens	USPAT	2002/12/03
-	30	spacer with lens with vertical\$2	USPAT	15:18 2002/12/03
-	2458	spacer\$1 and lens\$2 and fiber\$2 and optic\$2	USPAT	15:12   2002/12/03   15:19
-	1265	spacer\$1 and lens\$2 and fiber\$2 and optic\$2 and (align aligning aligns	USFAT	2:02/12/C3 15:32
	1118	alignment) [385/33,35.ccls.	IICDATE	
	1118	385/33,35.501s. 	USPAT	2002/12/03 15:32 2002/12/03
_		385/33,35.ccls. and (riduciaşz)	USPAT	16:03 2002/12/03
		vertical\$2) (385/33,35,52,65,83,88,89).CCLS.		15:03
	J 7 7 0	(300, 33, 33, 32, 03, 03, 00, 03).CCLS.	USPAT; US-PGFUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 11:28

1286	_	53100	protuberance\$1 notch\$2 indentation\$1	EPO; JPO; DEPWENT;	2002/12/05
1070	_	1286	((device\$1 lens\$1) and (fiber\$1 waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1	USFAT; US-PGFUB; EPG; JPO; DEFWENT;	
Collinators    Coll	-	1070	(((385/33,35,52,65,83,88,89).CCLS.) and ((device\$1 lens\$1) and (fiber\$1 waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1 indent\$1 fiducia\$2))) and (align aligns	USPAT; US-PGPUB; EPG; JPO; DEFWENT;	
1421   (device\$1 lens\$1) and (fiber\$1   USPAT;   CO02/12/05   Indent\$1 fiducia\$2) and (align aligns alignment aligned aligning) and ((lens\$2 collimator\$1) with (space\$1 spacing))   (device\$1 lens\$1 and (fiber\$1 waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1   USPAT; USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   U	-	ნ5 6	((((385/33,35,52,65,83,88,89).CCLS.) and ((device\$1 lens\$1) and (fiber\$1 waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1 indent\$1 fiducia\$2))) and (align aligns alignment aligned aligning)) and (lens\$2	US-PGFUB; EPO; JPO; DEFWENT;	
waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1 indent\$1 fiducia\$2) and (align aligns alignment aligned aligning) and ((lens\$2 coilimator\$1) with (space\$1 spacing)))	_		<pre>(device\$1 lens\$1) and (fiber\$1 waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1 indent\$1 fiducia\$2) and (align aligns alignment aligned aligning) and ((lens\$2 collimator\$1) with (space\$1 spacing))</pre>	US-PGFUB; EPO; JPO; DEPWENT; IBM_TDB	13:51
- 46936 (395/33,35,52,65,83,88,89).CCLS. USPAT; US-PGPUB; EPC; JPO; DEPWENT; IBM_TDB USPAT; US-PGPUB; EPC; JPO; DEPWENT; IBM_TDB USPAT; US-PGPUB; EPC; JPO; DEPWENT; IBM_TDB USFAT; US-PGPUB; EPC; JPO; DEPWENT; IBM_TDB USFAT US-PGPUB; EPC; JPO; DEPWENT; IBM_TDB USFAT US-PGPUB; EPC; JPO; DEPWENT; IBM_TDB USFAT; US-PGPUB; EPC; JPO; JPO; US-PGPUB; EPC; US-PGPUB;		1251	waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1 indent\$1 fiducia\$2) and (align aligns alignment aligned aligning) and ((lens\$2 collimator\$1) with (space\$1 spacing))) not ((((385/33,35,52,65,83,88,89).CCLS.) and ((device\$1 lens\$1) and (fiber\$1 waveguide\$1) and (groove\$1 protrusion\$1 protuberance\$1 notch\$2 indentation\$1 indent\$1 fiducia\$2)); and (align aligns alignment aligned aligning)) and (lens\$2	US-PGPUB; EPO; JPO; DEPWENT;	
- 2675 ((385/33,35,52,,65,83,88,89).CCLS.) and (BPD 20021203) and (spacer\$1 fiduciary fiducial groove\$1 protrusion\$1 protuberance\$1 lens\$2)  - 0 20030063863.URPN.  - 4367 (385/33,35,52,65,83,88,89).CCLS.  - 0 ("1 and (passive\$2 near align\$4)").PN.		46936		US-PGPUB; EPO; JPO; DEPWENT;	
<pre>@PD&gt;20021203) and (spacer\$1 fiduciary fiducial groove\$1 protrusion\$1</pre>	_	2675		USPAT; US-PGPUP; EPC; JPO; DEPWENT;	10:45
- 4367 (385/33,35,52,65,83,88,89).CCLS. USFAT: US-PGPUB; EPG; JPO; DERWEIT; IBM_TDB USFAT; US-PGPUB; EPG; JPO; DERWEIT; IBM_TDB USFAT; US-PGPUB; EPG; JPO; DERWEIT; US-PGPUB; EPG; JPO; USPAT; US-PGPUB; EPG; JPO;		1462	<pre>@PD&gt;20021203) and (spacer\$1 fiduciary fiducial groove\$1 protrusion\$1</pre>	US-PGPUB; EPC; JPO; DEPWENT;	
- 4367 (385/33,35,52,65,83,88,89).CCLS. USFAT: US-PGPUB; EPG; JPO; DEFWENT; IBM_TDB USFAT: US-PGPUB; EPG; JPO; DEFWENT; IBM_TDB USFAT: US-PGPUB; EPG; JPO; DEFWENT; US-PGPUB; EPG; JPO; US-PGPUB; EPG; JPO;	-	0	20030063863.URPN.		7 7
US-PGPUB; 17:21 EPO; JPO;	_	4367		US-PGPUB; EPG; JPO; DEPWENT;	2003/06/02
IBM TDB	-	0	("1 and (passive\$2 near align\$4)").PN.	USPAT; US-PGPUB; EPO; JPO; DEPWENT;	

-	236	((385/33,35,52,65,83,88,89).CCLS.) and	USPAT;	2003/06/03
		(passive\$2 near align\$4)	US-PGPUB;	17:05
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
- 1	0	20020154865.URPN.	USPĀT	2003/06/02
				17.47